

REMARKS

Applicants will address each of the Examiner's objections and rejections in the order in which they appear in the Office Action.

Withdrawn Claims

In the Office Action, the Examiner states that Claims 4-6 are withdrawn as being directed to a non-elected invention. Accordingly, Applicants have changed the status identifier of Claims 4-6 to "withdrawn" and amended Claims 7-10 to be dependent on pending Claims 1-3.

Drawings

In the Office Action, the Examiner objects to the drawings as there is no "drawing" on sheet 18.

Applicants note that this sheet was included in accordance with PCT practice. However, in order to advance the prosecution of this application, Applicants are deleting sheet 18 of the drawings. Applicants are including an annotated sheet herewith showing that the entire sheet is being deleted.

Therefore, it is respectfully requested that this objection be withdrawn.

Abstract of The Disclosure

The Examiner also objects to the Abstract of The Disclosure as reciting the term "oddly multiplied $\frac{1}{4}$ wavelength" as being vague and indefinite. Applicants respectfully traverse this objection.

As explained in the specification (such as for example in paragraph [0012]), the phrase "oddly multiplied $\frac{1}{4}$ wavelength" refers to the distance from each of the plurality of light emitting

layers to a first electrode in the light emitting device of one embodiment of the present application. The phrase “oddly multiplied $\frac{1}{4}$ wavelength” is intended to represent the word version of the formula $(2m-1)\lambda/4$ (where m is a natural number). Therefore, Applicants believe that this term is not vague and indefinite.

However, in order to advance the prosecution of this application, Applicants are preparing an amendment to the Abstract of the Disclosure, with an amendment to the specification. In this amendment, Applicants will amend the objected to term. Therefore, it is respectfully requested that this objection be held in abeyance until Applicants have completed and filed the amended Abstract of the Disclosure with the amended specification.

Specification

The Examiner also rejects the specification under 35 USC §112, first paragraph, as not being in full, clear, concise and exact terms. This rejection is also respectfully traversed.

While Applicants traverse this rejection, in order to advance the prosecution of this application, Applicants are preparing an amendment to the specification to amend the objected to term “oddly multiplied $\frac{1}{4}$ wavelength” and to correct the grammatical errors in the specification. Therefore, it is respectfully requested that this rejection be held in abeyance until Applicants have completed and filed the amended specification.

Claim Rejections – 35 USC §112

The Examiner also rejects Claims 1-3 and 7-10 under 35 USC §112, second paragraph, as being indefinite. This rejection is also respectfully traversed.

While Applicants traverse this rejection, in order to advance the prosecution of this application, Applicants are amending independent Claims 1-3 to delete the last paragraph of Claim 1 (and similarly for Claims 2 and 3) and amending the claims to recite the feature of “the layer configured so that at least one distance from one of the plurality of light emitting layers to the first electrode is odd multiples of quarter wavelength with a range of plus or minus 10% thereof.” It is respectfully submitted that this amendment overcomes the Examiner’s objection.

Accordingly, Claims 1-3 and 7-10 are not indefinite, and it is respectfully requested that this rejection be withdrawn.

Claim Rejections – 35 USC §103

The Examiner also rejects Claims 1-3 and 7-10 under 35 USC §102(b) as anticipated by or, in the alternative, under 35 USC §103(a) as obvious over Kido et al. (US 2003/0189401). This rejection is also respectfully traversed.

While Applicants traverse this rejection, in order to advance the prosecution of this application, Applicants are amending independent Claims 1-3 to recite “a layer comprising an organic compound and a metal oxide between one of the plurality of light emitting layers and the first electrode, the layer configured so that at least one distance from one of the plurality of light emitting layers to the first electrode is odd multiples of quarter wavelength with a range of plus or minus 10% thereof.” This feature is supported by, for example, paragraphs [0025] and [0064] in the specification of the present application.

In the rejection, the Examiner contends that Kido discloses in figure 18, for example, the distance from an electrode to emitting layers is designed to be quarter wavelength $(2n-1)/4 \times \lambda$. However, as shown in Example 4 in Kido (which references Fig. 18), Kido appears to teach that the

distance from the light-emissive site to the Al cathode (electrode) is controlled by the thickness of α -NPD (i.e. organic compound, 4,4'-bis[N-(2-naphthyl)-N-phenylamino] biphenyl). This is different than the claimed invention and teaches away from the claimed invention.

Therefore, independent Claims 1-3 are not disclosed or suggested by Kido, and Claims 1-3 and those claims dependent thereon are patentable over Kido. Accordingly, it is respectfully requested that this rejection be withdrawn.

Information Disclosure Statement

Applicants are submitting an information disclosure statement (IDS) herewith. It is respectfully requested that this IDS be entered and considered prior to the issuance of any further action on this application.

Conclusion

It is respectfully submitted that the present application is in a condition for allowance and should be allowed.

If any fee should be due for this amendment, please charge our deposit account 50/1039.

Favorable reconsideration is earnestly solicited.

Date: October 7, 2009

Respectfully submitted,

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EXPLANATION OF REFERENCE

100: electrode, 100R: light emitting element/unit, 100G: light emitting element/unit, 100B: light emitting element/unit, 101: electrode, 101B: light emitting unit, 101R: light emitting unit, 101a: light emitting unit, 102: electrode, 105: pixel portion, 111: layer, 112: layer, 111B: layer, 111R: layer, 111a: layer, 111b: layer, 112B: layer, 112R: layer, 112a: layer, 113: layer, 113R: layer, 113a: layer, 122: hole transporting layer, 123: light emitting layer, 124: electron transporting layer, 128: layer, 311: base insulating film, 312: electric conductor, 313: electric conductor, 317: sealing medium, 323: IC chip, 324: anisotropy conductive material, 502: light emitting device, 600: substrate, 603: light emitting element, 607: interlayer insulating film, 608: insulating film, 610: opposing substrate, 611: thin film transistor (TFT), 612: color filter, 612R: color filter, 612G: color filter, 612B: color filter, 705: connection wire, 712: sealing material, 713: passivation film, 715: anisotropy conductive material, 716: flexible printed circuit, 720: pixel portion, 721: scanning line driver circuit, 722: scanning line driver circuit, 723: signal line driver circuit, 751: inside, 752: spacer, 753: resin, 802: circuit board, 811: tuner, 812: video signal amplifier circuit, 813: video signal processing circuit, 814: control circuit, 815: signal dividing circuit, 816: audio signal amplifier circuit, 817: audio signal processing circuit, 818: speaker, 819: control circuit, 820: input portion, 831: chassis, 832: display screen, 834: operating switch, 904: capacitor element, 910: scanning line, 911: transistor, 912: signal line, 915: power supply line, 918: erasing transistor, 919: scanning line, 920: transistor, 925: transistor, 926: power supply line, 938: diode element, 9101: main body, 9102: display portion, 9201: main body, 9202: display portion, 9301: main body, 9302: display portion, 9701: display portion, 9702: display portion